

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

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PRACTICE: 391 Riparian Forest Buffer	NOTES: The following effects are for the fields associated
i KACIICE. 371 Kiparian Forest Duner	with the riparian area.
RESOURCE: SOIL	The state of the s
RESOURCE: SOIL RESOURCE CONCERN: EROSION	
	DINGICAL EFFECTE
RESOURCE INDICATORS	PHYSICAL EFFECTS
SHEET AND RILL	insignificant
WIND	insignificant
EPHEMERAL GULLY	moderate reduction in ephemeral gully erosion
CLASSIC GULLY	moderate reduction in classic gully erosion
STREAMBANK	moderate reduction in streambank erosion
IRRIGATION INDUCED	insignificant
SOIL MASS MOVEMENT	insignificant
ROADBANK/CONSTRUCTION	insignificant
OTHER	
RESOURCE CONCERN: SOIL CONDITION	
SOIL TILTH	insignificant
SOIL COMPACTION	insignificant
SOIL CONTAMINATION	
• SALTS	N/A
• ORGANICS	insignificant
FERTILIZERS	insignificant
PESTICIDES	insignificant
OTHER	
DEPOSITION/DAMAGE	
ONSITE	significant reduction/onsite deposition damage
OFFSITE	significant decrease/offsite deposition damage
DEPOSITION/SAFETY	
ONSITE	significantly improve onsite safety/deposition
OFFSITE	sign. improve offsite safety hazard/deposition
OTHER	
RESOURCE: WATER	
RESOURCE CONCERN: WATER QUANTIT	V
RESOURCE COINCERIN: WATER QUAINTIT	1
SEEPS	insignificant
RUNOFF/FLOODING	moder. decrease in runoff/flooding
EXCESS SUBSURFACE WATER	insignificant
INADEQUATE OUTLETS	significant improvement in H20 outlet concern
WATER MGT. IRRIGATION	
• SURFACE	insignificant
SPRINKLER	insignificant
WATER MGT. NON-IRRIGATED	insignificant
RESTRICTED FLOW CAPACITY (H20 convey.)	morganizatit
ONSITE	insignificant
OFFSITE	insignificant
RESTRICTED STORAGE	sign. reduction in sedimentation of H20 storage
OTHER	sign. reduction in sedimentation of rizu storage
OTHER	

	RESOURCE: WATER		
RESOURCE INDICATORS	PHYSICAL EFFECTS		
GROUNDWATER CONTAMINANTS			
• PESTICIDES	slight reduction GWater contam./pesticides		
NUTRIENTS AND ORGANICS	slight poten. decrease/GWater contam./nutr,organ.		
• SALINITY	N/A		
HEAVY METALS	slight poten. decrease/GWater contam./heavy metal		
• PATHOGENS	slight poten. decrease/GWater contam./pathegens		
• OTHER	signt potent decrease, o water contains, punicgens		
SURFACE WATER CONTAMINANTS			
• PESTICIDES	sign. reduction in SWater contam./pesticides		
NUTRIENTS AND ORGANICS	sign. reduction in SWater contam./nutri.,organics		
SUSPENDED SEDIMENTS	sign. reduction in SWater contam./susp. sedi.		
LOW DESOLVED OXYGEN	sign. reduction in SWater contam./low oxygen		
• SALINITY	N/A		
HEAVY METALS	sign. reduction in SWater contam./heavy metals		
WATER TEMPERATURE	sign. reduction in SWater contam./H20 temp		
PATHOGENS	sign. decrease in SWater contam./pathegens		
AQUATIC HABITAT SUITABILITY	significant improvement in Aqua. Hab. Suit.		
OTHER	significant improvement in rigual ride. But.		
RESOURCE: AIR RESOURCE CONCERN: AIR QUALI	TY		
AIRBORNE SEDIMENT AND SMOKE			
PARTICLES			
ONSITE SAFETY	slight decrease in airborn sed.smoke/safety		
	slight decrease in airborn sed.smoke/safety slight decrease in airborn sed.smoke part./safety		
ONSITE SAFETY			
ONSITE SAFETY OFFSITE SAFETY	slight decrease in airborn sed.smoke part./safety		
ONSITE SAFETYOFFSITE SAFETYONSITE STRUCT. PROBLEMS	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke		
 ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS 	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke		
 ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING 	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke slight decrease in onsite health/dust and smoke		
 ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH 	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke slight decrease in onsite health/dust and smoke slight improvement in offsite health		
 ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS 	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke slight decrease in onsite health/dust and smoke slight improvement in offsite health slight decrease in airborn sediment/convey. prob.		
 ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT 	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke slight decrease in onsite health/dust and smoke slight improvement in offsite health slight decrease in airborn sediment/convey. prob. slight decrease in airborn chem. drift		
 ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS 	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke slight decrease in onsite health/dust and smoke slight improvement in offsite health slight decrease in airborn sediment/convey. prob. slight decrease in airborn chem. drift slight decrease in airbornodors		
ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS FUNGI, MOLDS, AND POLLEN	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke slight decrease in onsite health/dust and smoke slight improvement in offsite health slight decrease in airborn sediment/convey. prob. slight decrease in airborn chem. drift slight decrease in airbornodors slight decrease in airborn fungi,molds,pollen		
ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS FUNGI, MOLDS, AND POLLEN OTHER	slight decrease in airborn sed.smoke part./safety slight decrease in struc. problems/dust and smoke slight decrease in struc. problems/dustsmoke slight decrease in onsite health/dust and smoke slight improvement in offsite health slight decrease in airborn sediment/convey. prob. slight decrease in airborn chem. drift slight decrease in airbornodors slight decrease in airborn fungi,molds,pollen		
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RESOURCE: PLANT		
RESOURCE CONCERN: SUITABILITY		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
SITE ADAPTATION	N/A	
PLANT USE	N/A	
OTHER		
RESOURCE CONCERN: CONDITION		
PRODUCTIVITY	slight improvement in plant cond./productivity	
HEALTH, VIGOR, SURVIVAL	slight improvement in plant health,vigor,survival	
OTHER		
RESOURCE CONCERN: MANAGEME	ENT	
ESTAB., GROWTH, HARVEST	slight improvement in plant estab.,growth,harvest	
NUTRIENT MANAGEMENT	slight improvement in plant nutrient management	
PESTS	slight improvement in plant pest management	
THREAT/ENDANGERED PLANTS	slight benefit to threat/endangered plants	
OTHER		
RESOURCE: ANIMAL		
RESOURCE CONCERN: HABITAT		
FOOD	sign. improvement in animal habitat/food supply	
COVER/SHELTER	sign. improvement in animal habitat/cover,shelter	
WATER (QUANTITY & QUALITY)	sign. improvement in animal habitat/water\	
OTHER		
RESOURCE CONCERN: MANAGEMENT		
POPULATION BALANCE	sign. improvement in animal mgt./pop. balance	
THREAT/ENDANGERED ANIMALS	sign. benefit to threat./endangered animals	
HEALTH	slight improvement in animal mgt./health	
OTHER		
RESOURCE: HUMAN		
RESOURCE CONCERNS: ECONOMIC	CCONSIDERATIONS	
PLAN / COST EFFECTIVENESS	moderately cost effective	
CLIENT FINANCIAL CONDITION	moderately cost effective	
MARKETS FOR PRODUCTS	situational concerning markets for products	
AVAILABLE LABOR	slight increase in labor requirement	
AVAILABLE EQUIPMENT	slight increase in equip. needed	

RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	sign. improvement in public health safety
PRIVATE/PUBLIC VALUES	sign. improvement in private/public values
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	situational regarding cultural resources
SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources
OTHER	